BRUHATH BANGALORE MAHANAGARA PALIKE

Name of work : Development works for Providing Drinking in Water Pipeline facilities at Sharadamba Nagara and Bhahubali Nagara and Surrounding Aera In Ward No-16 Jalahalli

					Est. Cost			2000000.00
Sl. No.	Description	Dimensions No.	L.	B.	D	Qty.	Rate	Amount
1	Earthwork excavation by Manual means for foundaction of buildings, water supply, sanitary lines and electrical conduits etc., either in pits or in trenches 1.5m and above in width, in **soil** not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. in Hard soil No.KBS 2.1 (B)/2.3.5 Pg No.6 It.No.2.4							
	Jalahalli Sourrounding areas							
	For Pipeline	1	2050	0.60	0.90	1107.00		
	For Concrete pits for	80	0.50	0.45	0.35	6.30		
					Qty	**1113.30**	**571.34**	636073.00
							Per Cum	
	Basic Rate	449.00						
	Add A.W. 6%	26.94						
	Loading & Unloading	57.00						
	Lead for 15 K.M	38.40						
	TOTAL	**571.34**						
2	Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure pressura outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. for 63MM dia Pg.No.96 It .No.13.73.2 63mm dia							
		1	2050			2050.00		
						2050.00	**394.32**	808356.00
							Per Rmt	
	Basic Rate	372.00						
	Add A.W. 6%	22.32						
	TOTAL	**394.32**						

Sl. No.	Description	Dimensions No.	L.	B.	D	Qty.	Rate	Amount
3	Providing and fixing in position brass bib cock of approved quality nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications for 25mm dia Pg No,.93 It.No.13.25 25mm dia nominal bore							
		80				80.00		
						80.00	**250.16**	**20013.00**
							Per Nos	
	Basic Rate	236.00						
	Add A.W. 6%	14.16						
	TOTAL	**250.16**						
4	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications.for 25mm dia Pg No.92 It.no.13.12							
		80			0.90	72.00		
		80		0.45		36.00		
						108.00	**265.00**	**28620.00**
							Per Rmt	
	Basic Rate	250.00						
	Add A.W. 6%	15.00						
	TOTAL	**265.00**						
5	Providing and laying in position plain cement concrete of mix 1:2:4 with OPC cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.53cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Pg No.13 It.No.4.6							
		80	0.45	0.45	0.50	8.10		
						8.10	**5747.32**	**46553.00**
							Cum	
	Basic Rate	5422.00						
	Add A.W. 6%	325.32						
	TOTAL	**5747.32**						

(8)

Sl. No.	Description	Dimensions No.	L.	B.	D	Qty.	Rate	Amount
6	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications allow 60% of rate considered under item.Specification Pg No.7 It No.2.11							
		1	2050	0.60	0.90	1107.00		
						1107.00	128.26	141984.00
							Per Cum	
	Basic Rate	121.00						
	Add A.W. 6%	7.26						
	TOTAL	128.26						
							Sub Total	1681599.00
							TP 5%	84079.95
							Sub Total	1765678.95
							GST 12%	211881.47
							PMC 1%	17656.79
							Miscellaneous & Rounding off	4782.79
							Grand Total	2000000.00

CERTIFICATE

1 The work spot have been inspected by me and work is found to be necessary.

2 This estimate is prepared as per CSR of 2018-19

4 The provisions were made in this estimate are adequete and essential

5 This works comes under BBMP Limits

Asst.Engineer
Ward No.16
B.B.M.P

Asst.Executive Engineer
Yeshwanthapura Sub Division
B.B.M.P.

Executive Engineer
R. R. Nagara Division
B.B.M.P.